

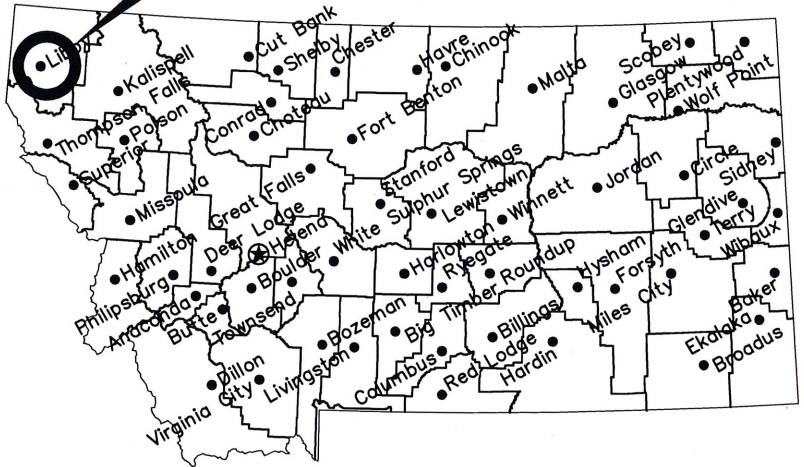
MONTANA FISH, WILDLIFE & PARKS

# Libby Field Office Mitigation Bldg. Foundation Drainage Improvements

Libby, MT

FWP #7119131

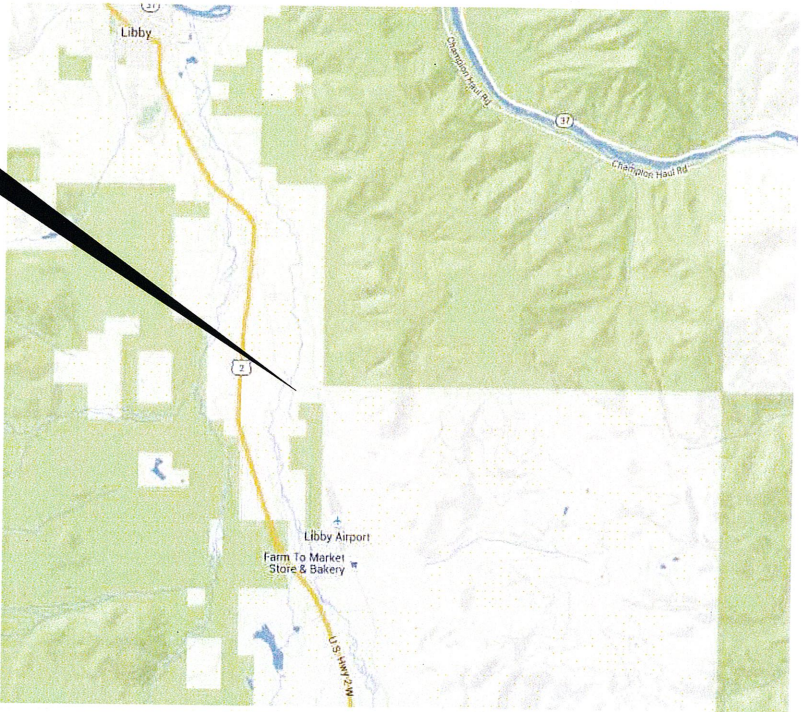
**Project  
Location**



**Location Map**

No Scale

**Project  
Location**



**Vicinity Map**

No Scale

North



MONTANA FISH, WILDLIFE AND PARKS  
DESIGN AND CONSTRUCTION

MAILING ADDRESS:

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**DRAWING INDEX**

- 1 COVER SHEET
- 2 OVERALL SITE PLAN
- 3 FRENCH DRAIN PLAN VIEW - MITIGATION BLDG.
- 4 FRENCH DRAIN DETAILS



7-24-15

M. McNearney 7/15/15  
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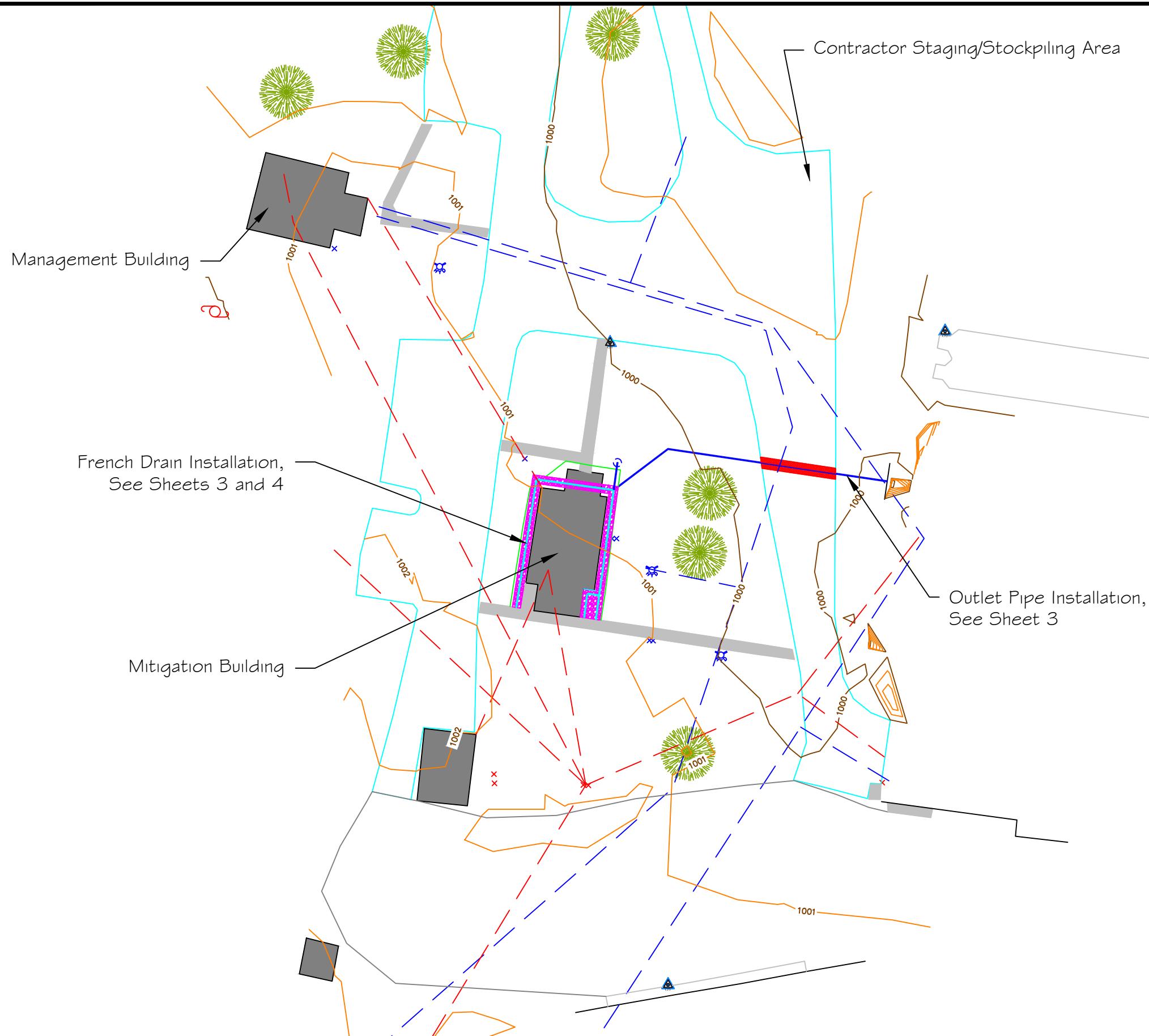


**Montana Fish,  
Wildlife & Parks**

Cover Sheet  
Libby Field Office Complex (Libby, MT)

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of 4





CONTROL POINTS			
Description	Northing	Easting	Elevation
CP1	10,000.00	5,000.00	1000.00
CP2	10,004.17	5,123.21	1000.31
CP3	9,763.88	5,021.33	1001.75

LEGEND	
Existing Features	
Edge of Pavement	
Edge of Gravel	
Quality Level D Utilities	
UG Power Utility	
UG Water Utility	
Control Point	
Buildings	
Proposed Features	
French Drain	
French Drain Pipe	
Outlet Pipe	
Pavement Patch	

ESTIMATED QUANTITIES		
Material	Quantity	Unit
Excavation (Total -3' Trench)	150	CY
Excavation (Off-Site Disposal)	110	CY
4" Perforated Drain Pipe	250	LF
4" Solid PVC Drain Pipe	120	LF
Geotextile Fabric	275	SY
Drain Rock	110	CY
Asphalt Patch (3" Depth)	12	SY
Bituminous Damproofing	1000	SF

- GENERAL NOTES:
- Owner will establish initial survey control and alignment grade stakes, see Technical Specification 01050, Field Engineering for additional Contractor surveying requirements.
  - Contractor can use the existing and proposed footprint for staging and stockpiling, with exceptions, see Technical Specification 01010.
  - Any utilities depicted on these plans are in accordance with their achieved "Quality Levels" as defined in the American Society of Civil Engineer's document ASCE 38, "Standard for the Collection and Depiction of Existing Subsurface Utility Data."
  - Repair all broken irrigation from trenching activities. All costs for repairs at Contractor expense.
  - Notify Eengineer 48 hours in advance of French Drain installation to inspect exposed foundation for crack repair and damproofing.

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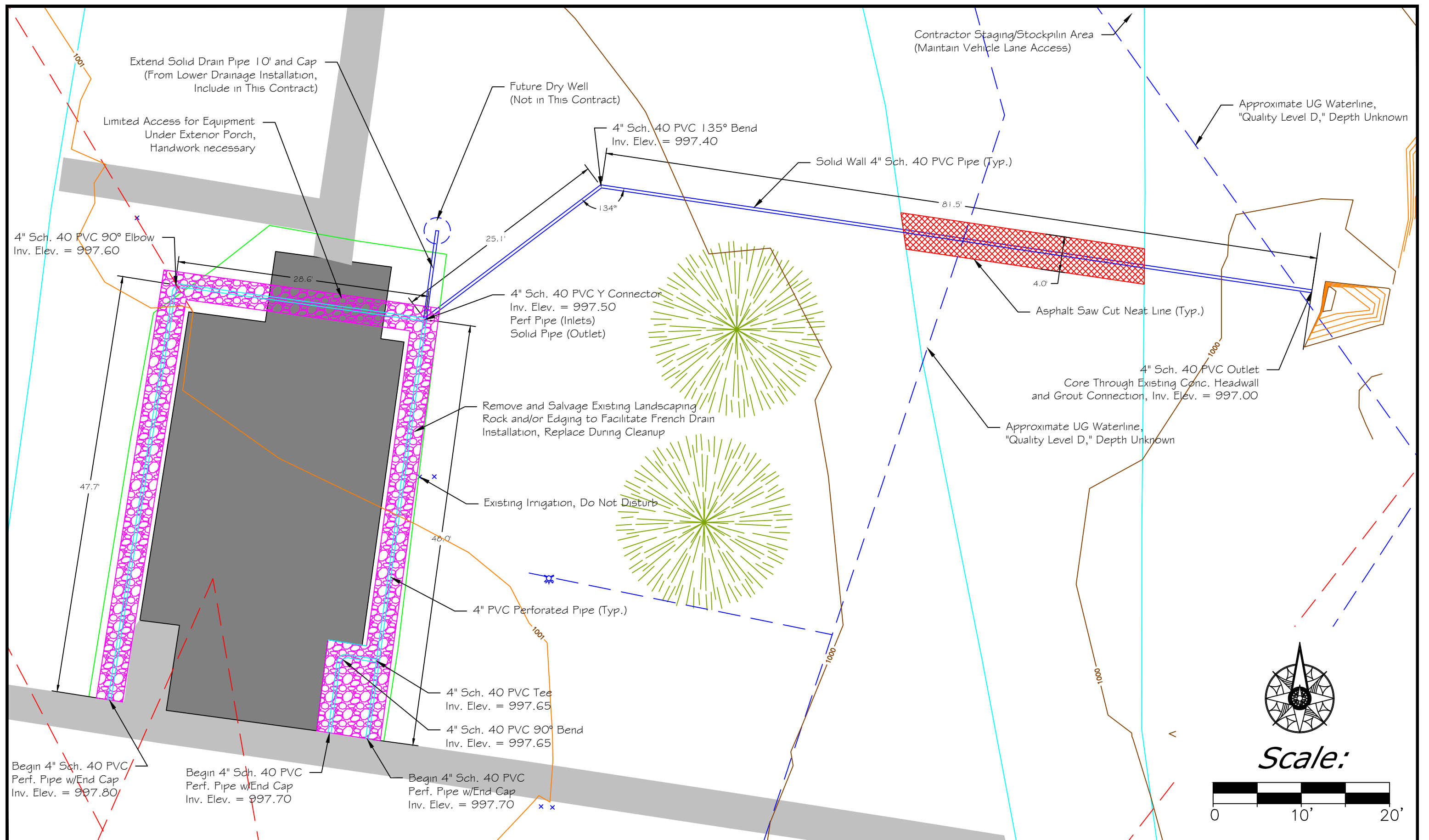


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Overall Site Plan  
Libby Field Office Complex (Libby, MT)

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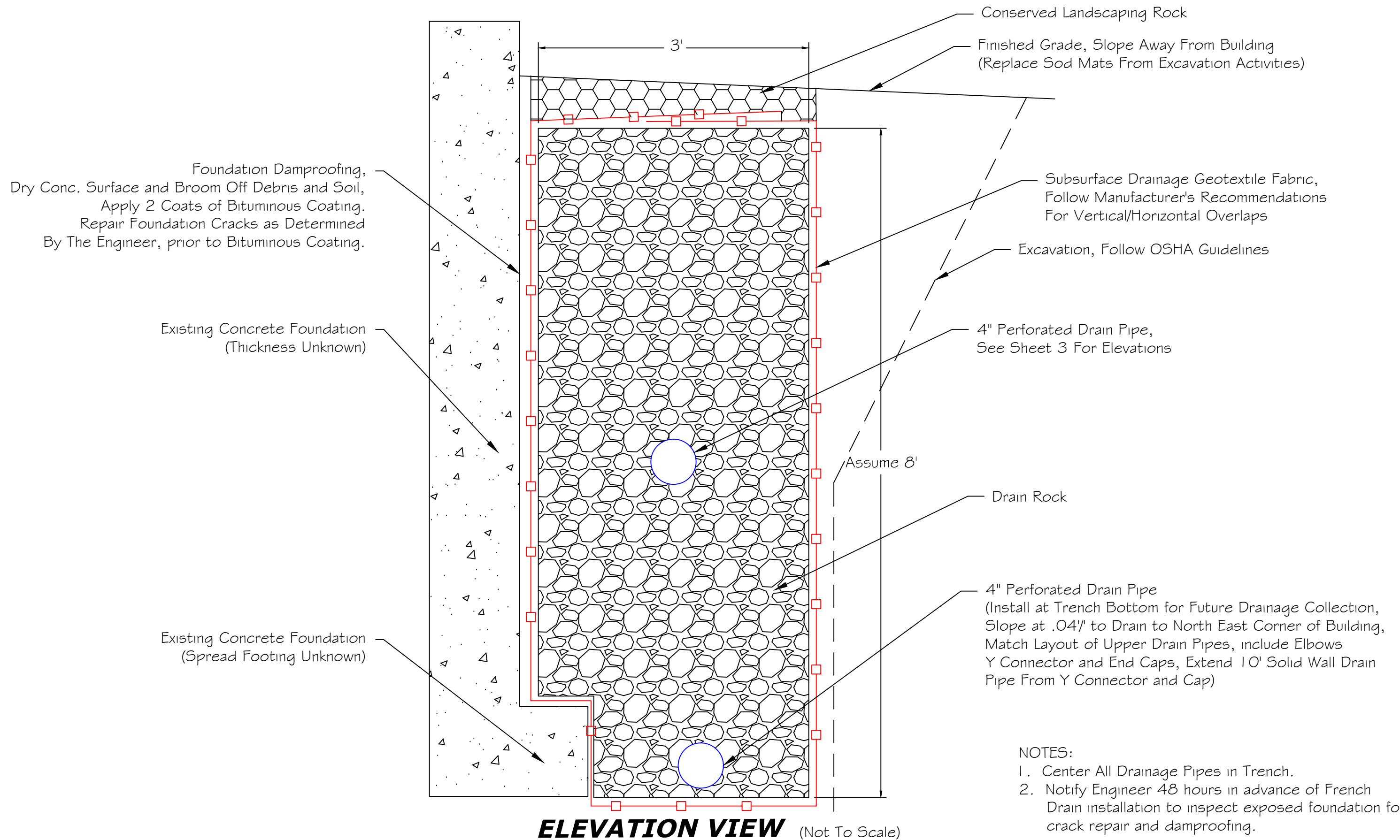


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 Wildlife & Parks**

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**French Drain Plan View - Mitigation Bldg.**  
 Libby Field Office Complex (Libby, MT)

SHEET: 3 of 4



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**Montana Fish & Wildlife**

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**French Drain Details**  
Libby Field Office Complex (Libby, MT)

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